

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method And Apparatus For High Density Format Screening for Bioactive Molecules

the specification of which (check only one item below):

☐ is attached hereto

☒ was filed as United States application

Application No. to be assigned

on January 8, 1999

and was amended

on \_\_\_\_\_

☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended under PCT Article 19

on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
U.S.A.	60/070,792	January 8, 1998	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

Journey's Docket Number.  
5441.200-US

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT  
UNDER 35 U.S.C. 120:

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to: Steve T. Zelson, Esq.  
Novo Nordisk of North America, Inc..  
405 Lexington Avenue, Suite 6400  
New York, New York 10174-6400

Steve T. Zelson  
(212) 867-0123

PTO 1391 (REV. 10-83)

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Includes Reference to PCT International Applications)

Attorney's Docket Number:  
5441.200-US

5	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Post Office Address	Post Office Address	City	State & Zip Code/Country
6	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Post Office Address	Post Office Address	City	State & Zip Code/Country
7	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Post Office Address	Post Office Address	City	State & Zip Code/Country
8	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Post Office Address	Post Office Address	City	State & Zip Code/Country
9	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Post Office Address	Post Office Address	City	State & Zip Code/Country

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Date	Date	Date
Signature of Inventor 4	Signature of Inventor 5	Signature of Inventor 6
Date	Date	Date
Signature of Inventor 7	Signature of Inventor 8	Signature of Inventor 9
Date	Date	Date

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: TERRY, Bernard R. et al. Conf.:  
Appl. No.: 09/227,518 Group: 1641  
Filed: January 8, 1999 Examiner: GABEL, G.  
Patent No.:  
Issue Date:  
For:

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)  
SHOWING CHAIN OF TITLE

Assistant Commissioner for Patents November 1, 2001  
Washington, DC 20231

Sir:

BioImage A/S *(insert name of Assignee)*, a corporation *(insert type of Assignee, e.g. corp., university, government agency, etc.)* certifies that it is the assignee of the patent application or issued patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application or issued patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- OR -

B. ☒ A chain of title from the inventor(s), of the patent application or issued patent identified above, to the current assignee as shown below:

1. From: Bernard Robert Terry, Kurt Marshall Scudder, Per Olaf Gunnar Arkhammer and Ole Thastrup  
To: Novo Nordisk A/S  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: Novo Nordisk A/S

To: BioImage A/S

The document was recorded in the Patent and Trademark Office at Reel 010303, Frame 0453, or for which a copy thereof is attached.

3. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are attached.

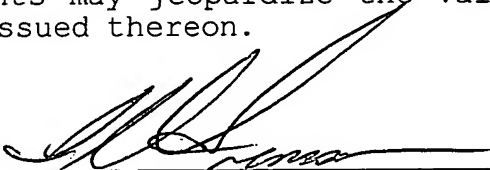
☒ Copies of assignments or other documents in the chain of title are attached

The undersigned has reviewed all the documents in the chain of title of the patent application or issued patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1 Nov. 2001  
Date

  
Signature

Leonard R. Svensson  
Typed or printed name

Cancel for Applicant  
Title

PATENT  
459-640P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: TERRY, et al . Conf.: unassigned  
Appl. No.: 09/227,518 Group: 1641  
Filed: January 8, 1999 Examiner: GABEL, G.  
For: METHOD AND APPARATUS FOR HIGH DENSITY  
FORMAT SCREENING FOR BIOACTIVE MOLECULES  
Patent No.: Issued:

REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER  
OF ATTORNEY, AND CHANGE IN CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The Assignee of the above-identified patent application or issued patent, BioImage A/S having a business office at Moerkhoej Bygade 28, 2860 Soeborg DENMARK, as evidenced by the enclosed Certificate Under 37 C.F.R. § 3.73(b) showing chain of title, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints:

RAYMOND C. STEWART	(Reg. No. 21,066)	TERRELL C. BIRCH	(Reg. No. 19,382)
JOSEPH A. KOLASCH	(Reg. No. 22,463)	JAMES M. SLATTERY	(Reg. No. 28,380)
BERNARD L. SWEENEY	(Reg. No. 24,448)	MICHAEL K. MUTTER	(Reg. No. 29,680)
CHARLES GORENSTEIN	(Reg. No. 29,271)	GERALD M. MURPHY, JR.	(Reg. No. 28,977)
LEONARD R. SVENSSON	(Reg. No. 30,330)	TERRY L. CLARK	(Reg. No. 32,644)
ANDREW D. MEIKLE	(Reg. No. 32,868)	MARC S. WEINER	(Reg. No. 32,181)
JOE MCKINNEY MUNCY	(Reg. No. 32,334)	DONALD J. DALEY	(Reg. No. 34,313)
JOHN W. BAILEY	(Reg. No. 32,881)	JOHN A. CASTELLANO	(Reg. No. 35,094)
GARY D. YACURA	(Reg. No. 35,416)	THOMAS S. AUCHTERLONIE	(Reg. No. 37,275)
MARK J. NUEL	(Reg. No. 36,623)		

of the firm of Birch, Stewart, Kolasch & Birch, LLP as the attorneys of the Assignee to receive all correspondence relating

Docket No. 459-640P


to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent. The new correspondence address is:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292  
P.O. Box 747  
Falls Church, VA 22040-0747

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

31.July.2001  
Date

  
Signature

Peter Laudrup  
Typed or printed name

Patent Manager  
Title

Enclosure: Certificate Under 37 C.F.R. § 3.73(b)  
showing chain of title.

(Rev. 01/22/01)

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Hon. Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bernard Robert Terry  
Kurt Marshall Scudder  
Per Olaf Gunnar Arkhammer  
Ole Thastrup

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: February 4, 1999, February 4, 1999,  
February 4, 1999 and February 4, 1999

2. Name and address of receiving party(ies):

Name: Novo Nordisk A/S

Internal Address:

Street Address: Novo Alle

DK-2880 Bagsvaerd, Denmark

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. (s)

B. Patent No. (s)

09/227,518

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of the party to whom correspondence concerning document should be mailed:

Name: Steve T. Zelson, Esq.

Internal Address:

Novo Nordisk of North America, Inc.

Street Address: 405 Lexington Avenue,

Suite 6400

City: New York State: NY Zip: 10174-6401

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) ..... \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

14-1447

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Carol E. Rozek  
Name of Person Signing

Carol E. Rozek  
Signature

February 12, 1999  
Date

Total number of pages including cover sheet, attachments, and document: 3



ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Bernard Robert Terry, a citizen of Britain, residing at Frederiksberg Alle 15.1, 1820 Frederiksberg C., Denmark;

Kurt Marshall Scudder, a citizen of the United States, residing at Lavendelhaven 70, 2830 Virum, Denmark;

Per Olaf Gunnar Arkhammer, a citizen of Sweden, residing at Helmfeltsgatan 13, S-25440 Helsingborg, Sweden; and

Ole Thastrup, a citizen of Denmark, residing at Birkevej 37, 3460 Bikerød, Denmark

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

**Method And Apparatus For High Density Format Screening for Bioactive Molecules**

for which application of Letters Patent of the United States has been filed on January 8, 1999, under Serial No. To Be Assigned, and

WHEREAS:

Novo Nordisk A/S, a corporation organized under the laws of Denmark, located at Novo Alle, DK-2880 Bagsvaerd, Denmark (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Date: 1999-02-04

Bernard R. Terry  
Bernard Robert Terry

Date: 1999 FEB 04

Kurt M. Scudder  
Kurt Marshall Scudder

Date: 1999-02-04

Per Olaf Gunnar Arkhammer  
Per Olaf Gunnar Arkhammer

Date: 1999-02-04

Ole Thastrup  
Ole Thastrup